



OFFICE OF SCIENCE & TECHNOLOGY

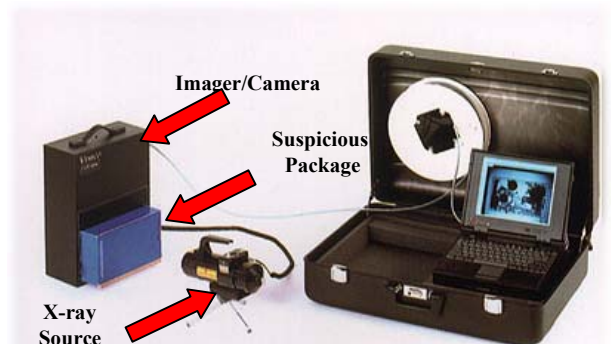
Explosive Diagnostics

Project Description:

The National Institute of Justice in collaboration with the Technical Support Working Group (TSWG) and the FBI sponsored a nationwide demonstration and evaluation, by law enforcement agencies, of PC-based, X-ray diagnostic systems for explosive devices. The systems evaluated were the RTR-3 and -4, developed under TSWG auspices, and the *foxRay*® II. The Naval Explosive Ordnance Disposal Technology Division and the Naval Office of Special Technology are supporting this project.



RTR



***foxRay*® II**

Status:

This assessment, which is now completed, eventually involved 52 agencies in 27 states and the District of Columbia. Findings from the assessment are being implemented. One of the findings was for the need for smaller systems; ideally a single-sided system not requiring an imager. Current systems require an imager be placed behind the object being scanned. This is not always possible. NIJ and the TSWG begin to address this problem in 2002, exploring the potential for a portable back-scatter x-ray system.

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